

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/3/2014</b>	Man Days: 1
<b>Inspection Unit: Peoria Persimmon St.</b>	
<b>Location of Audit: Pekin</b>	
<b>Exit Meeting Contact:</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Kevin Hecker</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
John Sigler	Quality Assurance Consultant	

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b> Meter sets observed were in the following areas within Sunset Hills subdivision in Pekin: 1501-1529 Glendale 2122-2125 Hillcrest 2203 Belmont 1503-1618 Highwood 1626-1631 Melanie		
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> All meter sets observed were in readily accessible locations.		

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[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All regulators observed were protected from the elements and insects with vent screens.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The regulator vent at 1515 Glendale was located near an exhaust/intake vent which appeared to be installed after meter set. This issue will be corrected by extending the regulator vent away from the opening.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No meter sets observed were in areas prone to flooding.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All meter sets observed were firmly supported.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All customer regulators observed vented to the outside atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All customer services observed had service line valves upstream of the meter.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Underground service line valves were not checked as part of this audit.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Customer services that had been discontinued were pin locked in the off position.</i>		
<b>CATHODIC PROTECTION</b>		<b>Status</b>
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>

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[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>  <i>Pipe to soil readings were taken at the following locations:</i>  1501 Glendale: -.95 1503 Glendale: -.93 1508 Glendale: -.95 1511 Glendale: -1.05 1513 Glendale: -.96 1515 Glendale: -1.08 1516 Glendale: -.95 1519 Glendale: -1.03 1521 Glendale: -1.10 1524 Glendale: -.95 1529 Glendale: -1.12  1626 Melanie: -1.02 1629 Melanie: -1.14 1631 Melanie: -1.15  2122 Hillcrest: -1.08 2123 Hillcrest: -1.06 2124 Hillcrest: -1.14 2125 Hillcrest: -1.10  1503 Highwood: -.94 1507 Highwood: -.98 1509 Highwood: -.94 1515 Highwood: -1.12 1602 Highwood: -1.11/-1.13 (2 meters) 1603 Highwood: -1.16 1605 Highwood: -1.16 1607 Highwood: -1.15 1613 Highwood: -1.08 1618 Highwood: -1.05		
[192.465(b)]	Were rectifier installations inspected?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>  <i>Staff inspected a rectifier located at 18058 Unsicker Road.</i>		
[192.465(a)]	Were isolated mains/services tested?	<b>Not Checked</b>
<b><u>General Comment:</u></b>  <i>No isolated mains/services were checked as part of this audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Checked</b>
<b><u>General Comment:</u></b>  <i>No bonds (critical or non-critical) were checked as part of this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*All customer meter sets observed were isolated by use of an insulated meter spud.*

[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
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**General Comment:**

*No casings were inspected as part of this audit.*

[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
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**General Comment:**

*Staff observed several farm taps at the following locations:*

*Farm on Schmidt Road (no address available, but coordinates according to Google Earth: 40.32.36.56N/89.29.23.73W)  
Farm at Schmidt Road and Route 5 (southeast corner)  
Farm on Schmidt Road and Route 5 (northeast corner)  
23180 Broadway Road  
23128 Broadway Road  
22946 Broadway Road  
Corner of Broadway and Unsicker Road (northwest corner)  
Corner of Broadway and Unsicker Road (northeast corner)  
17644 Unsicker Road  
17810 Unsicker Road  
18261 Unsicker Road  
Cornerstone Baptist Church on Unsicker Road  
17870 Unsicker Road  
17986 Unsicker Road*

[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
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### DAMAGE PREVENTION

**Status**

[192.614]	Does the operator have a valid notification of planned excavation activities?	Not Checked
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**General Comment:**

*No activities requiring excavation were observed during this audit.*

[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Not Checked
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**General Comment:**

*No activities requiring excavation/locating were observed during this audit.*

[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
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**General Comment:**

*No activities requiring excavation/locating were observed during this audit.*

[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
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**General Comment:**

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<i>Staff observed line markers over a transmission pipeline along Unsicker Road, north of Tremont, IL, Allentown Road and Queenwood Road between Tremont and Pekin.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed line markers over a transmission pipeline along Unsicker Road, north of Tremont, IL, Allentown Road and Queenwood Road between Tremont and Pekin.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Line markers were observed at the regulator station on Co. Road 2300 E just north of Tremont as well as a regulator station/rectifier station at 18058 Unsicker Road.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The line markers observed at the above listed locations included the required information in the correct format.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>One old line marker was identified at a culvert on Schmidt Road, just south of Allentown Road (Highway 5) This line marker contained the name of a legacy company, however, the emergency number still worked. Per the operator's O&amp;M, all line markers must be updated by 12/2015.</i>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not review regulator station inspection records, however, did inspect regulator stations on Co. Road 2300 E just north of Tremont as well as a regulator station/rectifier station at 18058 Unsicker Road.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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<i>Both regulator stations observed were protected from vehicular damage by steel barriers/fencing.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>No telemetering or recording gauges were included in this inspection.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect the overpressure protection valve at the take point.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All supports observed were made of non-combustible material.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All regulator stacks observed were protected from the elements.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff inspected valves at and near the regulator station at Co. Road 2300 E just north of Tremont as well as a regulator station/rectifier station at 18058 Unsicker Road.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff inspected valves at and near the regulator station at Co. Road 2300 E just north of Tremont as well as a regulator station/rectifier station at 18058 Unsicker Road.</i>		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>No blow down activities were observed.</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>

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<b><u>Category Comment:</u></b>		
<i>Inspection of odorization equipment was not conducted as part of this audit.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Satisfactory</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Satisfactory</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Satisfactory</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Staff did not inspect surplus pipe and components.</i>		
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Not Checked</b>
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>

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